

AMENDMENTS TO THE SPECIFICATION

Please amend the specification as follows:

Please replace the paragraph at page 18, lines 7 - 19, with the following amended paragraph:

The condition sensor **20** can be a sensor capable of measuring one or more of the following conditions: humidity, time, fabric load mass, temperature, lipophilic fluid flow from the drying apparatus, drying apparatus drum torque, inlet drying air temperature, outlet drying air temperature, and combinations thereof. The condition sensor **20** could be a humidity sensor, a mass load sensor, a temperature sensor, a timer, a fluid flow sensor, a torque sensor, etcetera. The condition sensor **20** is electrically coupled and can transmit a signal to a signal processor **30**. Signal processor **30** is adapted to trigger the gas sensor **40** once a predetermined set point for the condition sensor **20** is reached. The gas sensor **40** then starts tracking the solvent vapor concentration and transmits its readings back to the signal processor **30**. The signal processor **30** can also be coupled to fuzzy logic control system **50**. Fuzzy logic control system **50** utilizes the signal coming from the signal processor **30** and the signal coming from the program selector **60** to estimate the remaining drying time for a particular load of clothes. The program selector **60** can be activated by the user and may reflect parameters such as the type of garments (e.g. silk, cotton, wool, etcetera) to be cleaned. These signals can then be incorporated into a programmed or programmable algorithm of the fuzzy logic control system **50** to determine remaining drying time.

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